

# MISCELLANEOUS PAPERS

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Centre for Entomological Studies Ankara

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No 99

12 08 2006

ISSN 1015-8235

## A new genus and a new species of *Ascalaphidae* for the fauna of Turkey (*Planipennia*)

Muhabbet Kemal Ahmet Ömer Koçak

**Abstract:** M.Kemal & A.Ö.Koçak, A new genus and a new species of *Ascalaphidae* for the fauna of Turkey (*Planipennia*). *Cent. ent. Stud., Misc. Pap.* 99: 1-3, 2 figs.

In this article, *Iranoidricerus* Abraham & Meszaros, 2002 and *Iranoidricerus iranensis* (Kimmins, 1938) are reported as new to the fauna of Turkey.

**Key words:** *Iranoidricerus*, *iranensis*, *Ascalaphidae*, *Planipennia*, Turkey, fauna.

During the field studies in 2001, carried out by the authors in the mountainous area of southern Van Province in East Turkey, several ascalaphid specimens were obtained at light trap. Taking the recent publication of Hungarian entomologists (Abraham & Meszaros, 2002) into consideration, we determined one of them as *Iranoidricerus iranensis* (Kimmins). Kimmins (1938) described this species from Luristan, Tala Zendj (West Iran) as "*Ptyngidricerus iranensis*", and its type preserved in Paris Museum. Abraham and Meszaros reported this species from Nehavand at 2400m Hamedan Prov. (Iran) based on the specimens collected by Hungarian collectors, T. Hacz and G.Köszegi, deposited in Somogy County Museum, Kaposvar, Hungary. Although it has been reported also from Palestine, Abraham and Meszaros (2002) did not confirm this. Our present record is the third reliable one of this species and new report for the fauna of Turkey. Abraham and Meszaros (2002) also established a separate genus for this species, i.e., *Iranoidricerus*. This monotypic genus is also reported here faunistically for the first time.

*Iranoidricerus iranensis* (Kimmins) is medium sized, non bi-sexual, nocturnal ascalaphid species. It has been re-described and illustrated by Abraham and Meszaros (2002). Our specimen shows the basic characteristics of the species.

Measurements: Wing expanse (forewings from tip to tip) 71mm; forewing (from base to apex): 35mm; body length (from frons to abdominal tip): 30mm. The wing-size of the Çatak example seems slightly larger than the Iranian specimens.

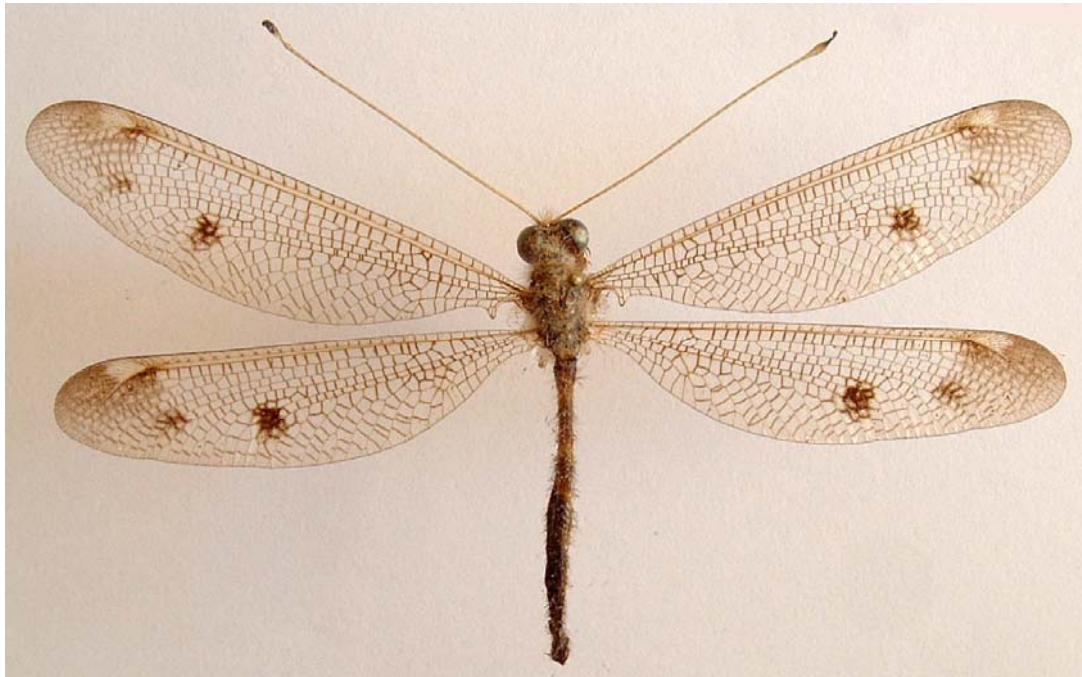


Fig.1. *Iranoidricerus iranensis* (Kimmins). Upperside of female, Turkey (Çatak), photo A.Koçak (Cesa).

In Çatak valley, this is the second nocturnal Ascalaphid species. Other inhabitant is *Ptyngidricerus albardanus* (McLachan, 1891), described from Mardin (S.E. Turkey) and recorded also in Bitlis Province (Kuzgunkıran Pass), in Van Province (Çatak 10km N), in Malatya Province (Göksa valley). This species was also recorded by the second author in Zap Valley (Hakkari Province, S.E. Turkey) in 1972 at light trap.

*Iranoidricerus iranensis* (Kimmins) is a very local, rare, mountain species in S.E. Turkey. It is most probable that it is confined from S.E. Turkey, northern Iraq to western Iran.

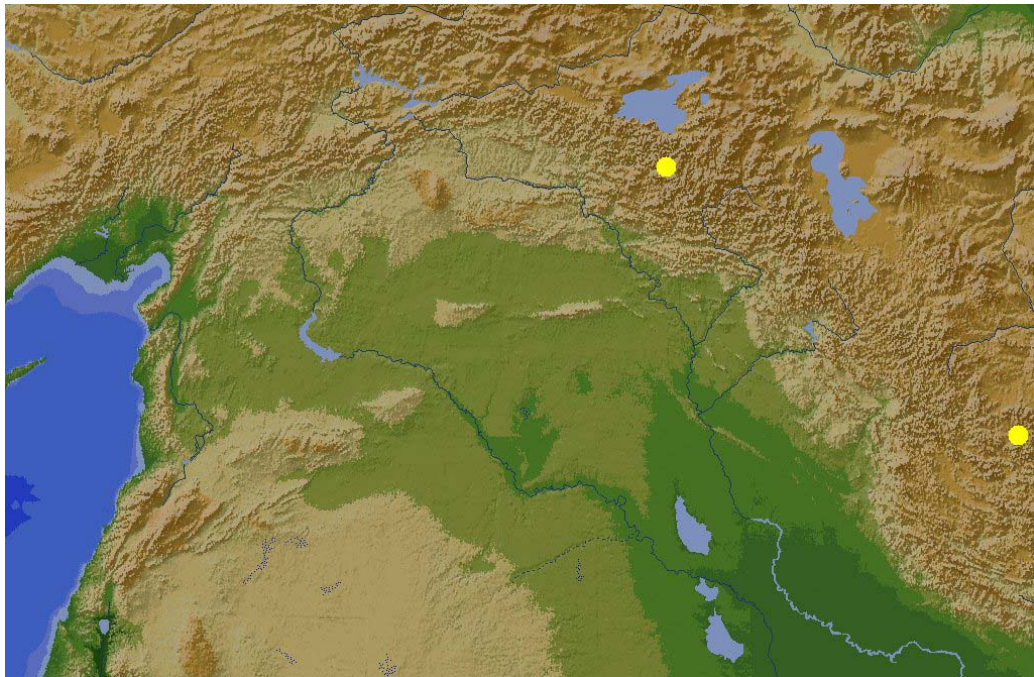


Fig.2. *Iranoidricerus iranensis* (Kimmins). Distribution map.

**Material studied:** 1 ♀ Turkey Van Province, Çatak, Atlıhan 1200m 25 7 2001, A Kocak & M Kemal leg. (in coll. Cesa).

#### Literature:

**Abraham, L. & Z. Meszaros,** 2002, Ascalaphid Studies I. New genera and species of Ascalaphid from Palaearctic Region (Neuroptera, Ascalaphidae). Acta phytopath. ent. Hung. 37 (4): 385-405, figs.

**Kimmins, D.E.,** 1938, Ptyngidricerus iranensis n.sp. (Neuroptera, Ascalaphidae). Revue fr. Ent. 4: 253-254.

**Tjeder, B. & A.R. Waterston,** 1977, Ptyngidricerus venustus n.sp. from Oman and Iran (Neuroptera, Ascalaphidae). Ent. scand. 8: 87-92.

**van der Weele, H.W.,** 1908, Ascalaphiden monographisch bearbeitet. Coll. Zool. Selys Longchamps 8: 1-326.

## List of *Elachistidae* species in South Africa (*Lepidoptera*)

Muhabbet Kemal    Ahmet Ömer Koçak

**Abstract:** M.Kemal & A.Ö.Koçak, List of *Elachistidae* species in South Africa (*Lepidoptera*). Cent. ent. Stud., Misc. Pap. 99: 3-5.

In this article, 15 species of the family *Elachistidae* inhabiting in South Africa are listed. *Gautengia* nom. nov. is proposed as replacement name for *Pretoriana* Traugott-Olsen, 1995, as it is preoccupied name.

**Key words:** *Gautengia*, *Pretoriana* *Elachistidae*, *Lepidoptera*, South Africa, nomenclature.

In this short paper, 15 species of the family *Elachistidae*, recorded in South Africa, are listed under 7 genera. Among them, *Gautengia* (nom.nov.) is proposed as a replacement name for the genus *Pretoriana* Traugott-Olsen, 1995 (preoccupied).

### *Elachistidae*

#### *Elachista* Treitschke, 1833

#*Elachista* Kollar, 1832; *Epheloseitia* Stephens, 1834; *Cynodia* Herrich-Schaffer, 1853; *Atachia* Wocke, [1876]; *Phigalia* Chambers, 1875 nec Duponchel, 1829; *Neaera* Chambers, 1880; *Hecista*

Wallengren, 1881; *Aphigalia* Dyar, [1903]; *Irenicodes* Meyrick, 1919; *Euproteodes* Viette, 1954;  
*Biselachista* Traugott-Olsen, 1977

***Elachista crocogastra* Meyrick, 1908**

*crocogastra* Meyrick, 1908

***Elachista gypsophila* Meyrick, 1911**

*gypsophila* Meyrick, 1911

***Elachista justificata* Meyrick, 1926**

*justificata* Meyrick, 1926

***Elachista merimnaea* Meyrick, 1920**

*merimnaea* Meyrick, 1920

***Elachista nymphaea* Meyrick, 1911**

*nymphaea* Meyrick, 1911

***Elachista sparsula* Meyrick, 1921**

*sparsula* Meyrick, 1921

***Gautengia* nom.nov.<sup>1</sup>**

=*Pretoriana* Traugott-Olsen, 1995 nec Curran, 1938 (Amer. Mus. Novit. 985: 7) (Diptera) non Uvarov, 1922 (Ann. Mag. nat. Hist. (9) 9: 99) (Orthoptera)

***Gautengia aganopa* (Meyrick, 1911)**

*aganopa* Meyrick, 1911

***Mendesia* De Joannis, 1902**

***Mendesia inscia* Meyrick, 1913**

*inscia* Meyrick, 1913

***Mendesia secutrix* Meyrick, 1914**

*secutrix* Meyrick, 1914

***Myrrhinitis* Meyrick, 1913**

***Myrrhinitis sporeuta* Meyrick, 1913**

*sporeuta* Meyrick, 1913

***Phthinostoma* Meyrick, 1914**

***Phthinostoma infumata* Meyrick, 1914**

*infumata* Meyrick, 1914

***Phthinostoma pachyzona* Meyrick, 1921**

*pachyzona* Meyrick, 1921

***Proterochyta* Meyrick, 1918**

***Proterochyta epicoena* (Meyrick, 1914)**

<sup>1</sup> Although this species was treated by Traugott-Olsen (1995) as monotypical type-species of the genus *Pretoriana*, this case was omitted by Vari, Kroon and Krüger (2002) in their checklist. We propose here a replacement name *Gautengia* (nom.nov.) for *Pretoriana* Traugott-Olsen, 1995, as it is junior homonym of *Pretoriana* Curran, 1938 and *Pretoriana* Uvarov, 1922. Type-species: *Mendesia aganopa* Meyrick, 1911.

Another preoccupied name in this family is *Kearfottia* Traugott-Olsen, 1996. A replacement name, *Kearfottina* (nom.nov.) is proposed here for *Kearfottia* Traugott-Olsen, 1996 (Shilap 24 (93): 137) nec *Kearfottia* Fernald, 1904 (Canad. ent. 36: 130). New combinations: *Kearfottina major* (Kearfott, 1907) (**comb.n.**), *Kearfottina cunilae* (Braun, 1930) (**comb.n.**) both from North America.

*epicoena* Meyrick, 1914

## ***Symphoristis* Meyrick, 1918**

***Symphoristis nimbifera* (Meyrick, 1913)**

*nimbifera* Meyrick, 1913

***Symphoristis ptychospila* Meyrick, 1918**

*ptychospila* Meyrick, 1918

## Literature

**Traugott-Olsen, E.**, 1995, Phylogeny of the subfamily Elachistinae s.str. Part II. Perittiini with some taxonomic revision and description of new taxa (Lepidoptera, Elachistidae). *Shilap Revta lepid.* 23 (91): 257-290, figs.

**Vari, L., Kron, D.M. & M. Krüger**, 2002, Classification and Checklist of the Lepidoptera recorded in Southern Africa. 384pp. Sasolburg.

## *Wittstrota flavannamica* Behounek & Speidel in Thailand (*Noctuidae*, *Lepidoptera*)<sup>2</sup>

Muhabbet Kemal<sup>3</sup>   Paitoon Leksawasdi<sup>4</sup>   Ahmet Ömer Koçak<sup>5</sup>

**Abstract:** M. Kemal, Leksawasdi, P. & A.Ö. Koçak, *Wittstrota flavannamica* Behounek & Speidel in Thailand (*Noctuidae*, *Lepidoptera*). *Cent. ent. Stud., Misc. Pap.* 99: 5-6.

In this article, *Wittstrota* Speidel & Behounek, 2005 is reported for the first time in Thailand. *Wittstrota flavannamica* nunt (ssp.n.) is described from Chiang Mai Province.

**Key words:** *Wittstrota flavannamica* nunt, *Noctuidae*, *Lepidoptera*, Thailand, fauna.

During the scientific visit of the authors (from Turkey) to Chiang Mai (North Thailand) in March and May, 2006, within the frame of the signed Memorandum between the Chiang Mai University (CMU) and the Centre for Entomological Studies Ankara (CESA), the Insect Collection preserved in the Department of Biology, Chiang Mai University was evaluated. As a result of this, an undetermined male of the family *Noctuidae* (*Eustrotiinae*) is determined here as “*Wittstrota flavannamica*” described by Behounek and Speidel (2005) from Vietnam. The collecting label of the specimen in the CMU collection is “THAILAND: 1450m Chiang Mai, Chiang Dao, San Pakia RFD, Watershed Station, 28.iv.-1.v.1994”, leg. I.J. Kitching et al.

Markings and colouration of the upperside of the forewing clearly indicate that the specimen belongs to the newly established genus *Wittstrota* Speidel & Behounek, 2005. This genus is

<sup>2</sup> Results of the Memorandum between CMU and the CESA, Nr. 3.

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represented by four species in Vietnam, China, and Taiwan, so far. These are; *W. fansipani* Behounek & Speidel, 2005 (Vietnam), *W. flavannamica* Behounek & Speidel, 2005 (Vietnam), *W. fukiensis* (Daniel, 1955) (China), and *W. taroko* Speidel & Behounek, 2005 (Taiwan). Only *W. flavannamica* has orange hindwings in both sexes; therefore, it is easily distinguishable from the others. The female in CMU Collection from Chiang Dao has also orange hindwing. Therefore, we believe that it belongs to the species *W. flavannamica* Behounek & Speidel from Vietnam. But yet, taking the following features into consideration, we come to the conclusion that it is better to place it in a different subspecies. The diagnostic features of the new subspecies are as follows:

Holotype ♀: On forewing, 3rd basal black spot reniform, proximal fascia fine and complete, series of black streaks in subterminal fascia incomplete in the middle, black costal striguli united, dorsal black stria and proximal fascia also united. On Hindwing, ground colour less orange than that of nominate subspecies. Discoidal blackish spot larger, submarginal blackish band broad and complete up to anal angle. Wing size smaller, forewing: 10mm, wingspan: 23,5mm. We propose the name *Wittstrotia flavannamica nunta* (ssp.n.) for this well defined subspecies. The name of this subspecies is dedicated to Mrs. Prof. Dr. Nunta Leksawasdi (Chiang Mai University), for her very kind help and support us in all respects.

Although the specimen under discussion was collected in 1994 and preserved in CMU collection, remained unstudied up to the present time. We believe that more species of this interesting and beautiful genus can be found in Thailand in future.

#### Literature:

Speidel, W. & G. Behounek, 2005, The genus *Wittstrotia* gen. nov. (Lepidoptera, Noctuidae, Eustrotiinae). *Entomofauna* 26 (23): 393-408, figs.

## Proposal of a replacement name in the *Tortricidae* (*Lepidoptera*)

Ahmet Ömer Koçak

**Abstract:** Koçak, A.Ö., Proposal of a replacement name in the *Tortricidae* (*Lepidoptera*). *Cent. ent. Stud., Misc. Pap.* 99: 6-7.

In this article, a replacement name *Muhabbetina* (nom. nov.) is proposed at generic level.

**Key words:** *Muhabbetina*, *Tortricidae*, *Lepidoptera*, Madagascar, nomenclature.

*Mesotes* Diakonoff, 1988 established for a *Grapholitini* species, *Mesotes pectinata* Diakonoff, 1988, inhabiting in Madagascar. At the same time, another species from the same Island described by Diakonoff in the same year, with the combination of “*Mesotes psimythistes*”. The genus name of these two species is invalid, as it is junior homonym of *Mesotes* Jan, 1862 (*Arch. Zool. Anat. Fisiol. Genova* 2: 306), established in *Reptilia*. Brown (2005) listed *Mesotes* Diakonoff, 1988 as valid name erroneously in his World Catalogue of

the Tortricidae. Therefore, I propose here a replacement name, in accordance of the Homonymy Rules of the ICZN, *Muhabbetina* (nom. nov.) (pro *Mesotes* Diakonoff, 1988 nec Jan, 1862), with the type-species: *Mesotes pectinata* Diakonoff, 1988.

Etymology: This name is dedicated to Dr. Muhabbet Kemal, from Uighur Ili, who has valuable contributions to the Lepidopterology in the World.

New combinations:

*Muhabbetina pectinata* (Diakonoff, 1988) (comb.n.)

*Muhabbetina psimythistes* (Diakonoff, 1988) (comb.n.)

Literature:

**Brown, J.W.**, 2005, Tortricidae (Lepidoptera), [in] Landry, B. (ed.), World Catalogue of Insects 5: 1-741. Apollo Books, Stenstrup.

## Proposal of a replacement name in the *Lasiocampidae* (*Lepidoptera*)

**Ahmet Ömer Koçak    Muhabbet Kemal**

**Abstract:** Koçak, A.Ö. & M.Kemal, Proposal of a replacement name in the *Lasiocampidae* (*Lepidoptera*). *Cent. ent. Stud., Misc. Pap.* 99: 7-8.

In this article, a replacement name *Zolotuhinina* (nom. nov.) is proposed at generic level.

**Key words:** *Zolotuhinina*, *Lasiocampidae*, *Lepidoptera*, Bhutan, Vietnam, nomenclature.

*Gorgonella* Zolotuhin, 2000 established for the species in Bhutan and Vietnam in the tribe *Selenepherini* Tutt, 1902 of the subfamily *Pinarinae* Kirby, 1892. This genus name is nomenclaturally invalid, as it is junior homonym of *Gorgonella* Valenciennes, 1855 (*Coelenterata*), described in C. R. Acad. Sci., Paris, 41, 14.

There is no available synonym of it; therefore, we propose here a replacement name, in accordance of the Homonymy Rules of the ICZN, *Zolotuhinina* (nom. nov.) (pro *Gorgonella* Zolotuhin, 2000 nec Valenciennes, 1855), with the type-species: *Gorgonella bhutata* Zolotuhin, 2000.

Etymology: This name is dedicated to Dr. Vadim V. Zolotuhin, who has valuable contributions to the *Lasiocampidae* of Asia.

New combinations:

*Zolotuhinina bhutata* (Zolotuhin, 2000) (comb.n.)

*Zolotuhinina mendica* (Zolotuhin, 2000) (comb.n.)

Literature:

**Zolotuhin, V.V.**, 2000, The Lasiocampidae (Lepidoptera) of Vietnam. Entomofauna, Suppl. 11: 25-104, figs.

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